



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

#3

In re Application of: HÖGBERG, et al. }

Serial No.: 10/000,464 }

Filed: 11/30/2001 }

} Group Art No: 1723
} Examiner: Not yet assignedFor: **Method and Apparatus for Processing Blood
And Blood Components** }

Customer Number: 24994 }

Box Missing Parts
Commissioner For Patents
Washington, DC 20231

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

Sir,

In response to the Notice to File Corrected Application Papers mailed December 31, 2001 (copy attached), enclosed is one photocopy of the Abstract which was filed with the above-identified nonprovisional patent application papers (Serial Number 10/000,464, Filing Date November 30, 2001). This Abstract is also the Abstract of International Application Number PCT/SE00/01077 (International Publication Number WO 01/30364 A1). A clean copy of this Abstract is also enclosed herewith. It is believed that filing of these Corrected Application Papers do not require a fee; however, if this is incorrect, please charge deposit account 03-2316. A duplicate copy of this Response is enclosed for this purpose.

If there are any questions, any representative of the U.S. Patent and Trademark Office is encouraged to call the undersigned attorney of record at the below-printed telephone number.

Respectfully submitted,

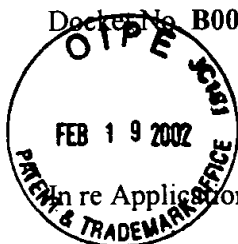
Date

February 18, 2002Peter B. Scull

Registration No: 37932
Gambro, Inc.
10810 W. Collins Ave.
Lakewood, Colorado 80215
303-205-2560

Attachments

Docket No. B0052-US01



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

In re Application of: **HÖGBERG, et al.**Serial No.: **10/000,464**Filed: **11/30/2001**

For: **Method and Apparatus for Processing Blood**
And Blood Components

Customer Number: **24994**

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 } Group Art No: **1723**
 } Examiner: **Not yet assigned**
 }

Box Missing Parts
 Commissioner For Patents
 Washington, DC 20231

SUBMISSION OF DECLARATION

Sir,

In compliance with 37 C.F.R. 1.53 (f) Completion of Application Subsequent to Filing - Nonprovisional Application, Applicant hereby submits one executed Declaration (3 pages) in relation to the above-identified Nonprovisional Patent Application (Serial Number 10/000,464, Filing Date November 30, 2001).

Applicant received the Notice to File Corrected Application Papers mailed December 31, 2001 in relation to the Abstract. Up to this date, however, Applicant has not yet received the Notice to File Missing Parts of Nonprovisional Application. Therefore, a copy of such Notice is not enclosed.

It is believed that filing of this Declaration requires a late filing surcharge for \$130.00 as set forth in 37 C.F.R. 1.16 (i). Please charge deposit account 03-2316. If this is incorrect, please charge this deposit account for the appropriate amount.

If there are any questions, any representative of the U.S. Patent and Trademark Office is encouraged to call the undersigned attorney of record at the below-printed telephone number.

Respectfully submitted,

February 19, 2002

 Date

Peter B. Scull

 Peter B. Scull
 Registration No: 37932
 Gambro, Inc.
 10810 W. Collins Ave.
 Lakewood, Colorado 80215
 303-205-2560

Attachment



UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/000,464 | 11/30/2001 | Niclas Hogberg | B0052-US01 |

 24994
 GAMBRO, INC
 PATENT DEPARTMENT
 10810 W COLLINS AVE
 LAKEWOOD, CO 80215

CONFIRMATION NO. 2307

FORMALITIES LETTER



OC000000007246016

Date Mailed: 12/31/2001

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- An abstract was not provided for this application. An abstract of the technical disclosure is required under 37 CFR 1.72(b).

*A copy of this notice **MUST** be returned with the reply.*

 mar
 Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 May 2001 (03.05.2001)

PCT

(10) International Publication Number
WO 01/30364 A1

(51) International Patent Classification⁷: A61K 35/14,
B01F 11/00

[SE/SE]; Kyrkotorp 18 B, S-691 32 Karlskoga (SE).
HÄLLGREN, Emanuel [SE/SE]; Murarvägen 2, S-691
43 Karlskoga (SE). PIHLSTEDT, Peter [SE/SE]; Frej-
gatan 10, S-113 49 Stockholm (SE).

(21) International Application Number: PCT/SE00/01077

(22) International Filing Date: 26 May 2000 (26.05.2000)

(74) Agent: FALK, Bengt; Bofors Support AB, Patents and
Trademarks, S-691 80 Karlskoga (SE).

(25) Filing Language: Swedish

(81) Designated States (*national*): AU, JP, NO, US.

(26) Publication Language: English

(84) Designated States (*regional*): European patent (AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE).

(30) Priority Data:
9903841-6 26 October 1999 (26.10.1999) SE

Published:

— With international search report.

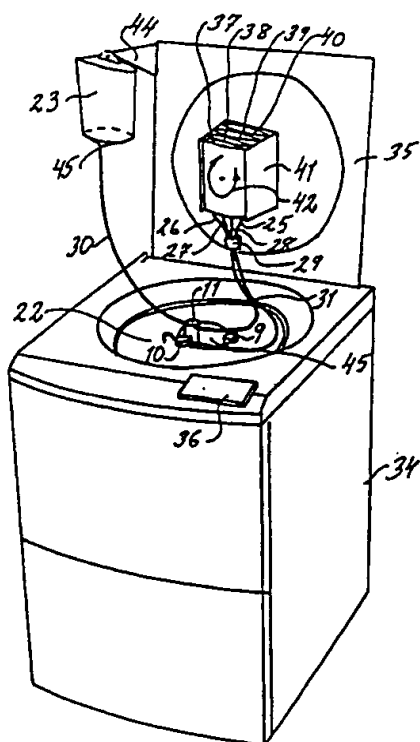
(71) Applicant (*for all designated States except US*): SAN-
GUISTECH AB [SE/SE]; S-691 80 Karlskoga (SE).

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): HÖGBERG, Niclas

(54) Title: METHOD AND APPARATUS FOR PROCESSING BLOOD AND BLOOD COMPONENTS



(57) Abstract: The claimed invention relates to a method and a device for processing blood concentrate products before they are exposed to a continued process for extracting those remaining medicinally interesting sub-components. The appropriate pre-processing, in relation to the invention, primarily entails a mechanically powered resolution of the viscous flowing concentrate products in a diluting solution for the adaptation of the total products for a renewed centrifuging.

WO 01/30364 A1

#4 02-21-02 03005
Docket No. B0052-US01



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

In re: Application of: **HÖGBERG, et al.**

Serial No.: 10/000,464

Filed: 11/30/2001

For: **Method and Apparatus for Processing Blood
And Blood Components**

Customer Number: 24994

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} Group Art No: 1723
} Examiner: Not yet assigned
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}
}

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

I hereby certify that the following documents:

1. Certificate of Express Mailing (1 page)
2. Response to Notice to File Corrected Application Papers and a duplicate (2 pages)
3. Copy of Notice to File Corrected Application Papers (1 page)
4. Abstract as published (1 page)
5. Abstract as a clean copy (1 page)
6. Return Card

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to:

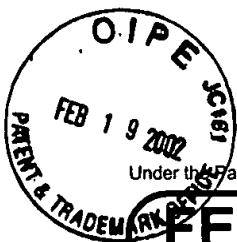
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Washington, DC 20231

on this date of 02 / 19 / 2002



Yanmin Huang

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PTO/SB/17 (11-01)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

\$130.00

Complete if Known

| | |
|----------------------|------------------|
| Application Number | 10/000464 |
| Filing Date | 11/30/2001 |
| First Named Inventor | HÖGBERG, et al. |
| Examiner Name | Not yet assigned |
| Group Art Unit | 1723 |
| Attorney Docket No. | B0052-US01 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

03-2316

Deposit
Account
Name

Gambro, Inc.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility filing fee | |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1)

2. EXTRA CLAIM FEES FOR UTILITY AND

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| | -20** = 0 | X | 0.00 |
| Independent Claims | -3** = 0 | X | 0.00 |
| Multiple Dependent | | | |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

\$0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | 130.00 |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non - English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR § 1.17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Statement | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$130.00

SUBMITTED BY

Name (Print/Type)

Peter B. Scull

Registration No.
(Attorney/Agent)

37932

Complete (if applicable)

Telephone

303-205-2560

Signature

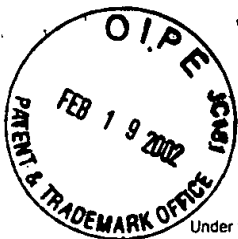
Peter B. Scull

Date

February 19, 2002

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PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | | |
|---|----------------|------------------------|------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application | 10/000464 | |
| | Filing Date | 11/30/2001 | |
| | First Named | HÖGBERG, et al. | |
| | Group Art Unit | 1723 | |
| | Examiner Name | Not yet assigned | |
| Total Number of Pages in This Submission | 8 | Attorney Docket Number | B0052-US01 |

| ENCLOSURES (check all that apply) | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment / Response | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Certificate of Express Mailing, Submission of Declaration, Declaration, Return Card |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | Remarks | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|--|
| Firm or Individual name | Peter B. Scull, Reg. No. 37,932 (Customer No. 24994) |
| Signature | |
| Date | February 19, 2002 |

| CERTIFICATE OF MAILING | | | |
|--|--------------|------|------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: EV 062621441 US | | | |
| Typed or printed name | Yanmin Huang | | |
| Signature | | Date | 02/19/2002 |

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